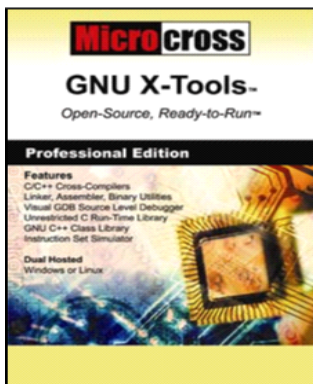


GNU X-Tools™



Professional Embedded Development Tools

- C/C++ Cross-Compilers (v4.2 GCC)
- Unrestricted Newlib C Run-Time Library
- GNU C++ Class Library
- Visual GDB Source Level Debugger
- GNU Assembler and Binary Utilities
- Instruction Set Simulator

Developers around the world have come to trust GNU tools for their quality, performance, and consistent interface across multiple target CPUs. Today, Microcross offers a wide coverage of reliable, low cost, and supported open source embedded tools. Why GNU X - Tools™, isn't GNU free?

- Value, performance, and reliability: eliminate 'GNU this', 'GNU that' distributed from non-supporting vendors.
- Microcross builds and maintains the GNU X-Tools™ from one consolidated source tree.
- Microcross patches the bugs and performs benchmark testing.
- Microcross documents a user and training guide, and 12 GNU X-Tools manuals.

Microcross is keeping up with the latest stable GNU releases, so customers can continue to get updates and stay current; this enables developers to stay focused on the project at hand rather than worrying about tool updates.

GNU X-Tools™ produces the most portable C/C++ code for some 16-bit and all mainstream 32/64-bit microprocessors. Microcross supports multiple host and target configurations providing complete coverage from small, deeply embedded, real-time applications to very large-scale projects. If you want low-cost, commercially supported GNU tools, why not give GNU X-Tools™ a try?

Microcross offers a complimentary product, Visual X-Tools™ IDE, that is powered by SlickEdit® and GNU X - Tools™. Visual X-Tools™ is an integrated development environment with language-sensitive text editor, project builder, graphical browser, debugger interface, DiffZilla® and support for CVS and other popular version control programs. .

See <http://www.microcross.com> for the latest GNU versions of each supported target CPU.

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Target Processors Supported

- Analog Devices Blackfin
- ARM Linux Enterprise
- ARM / Thumb 7/9/11
- Atmel AT91 and AVR
- Freescale i.MX Family
- Freescale / AMCC PowerPC
- Freescale M68K/ColdFire
- Intel XScale (1st/2nd generation)
- MIPS 32
- MIPS 64
- SuperH (1 /2/2e/3/3e/4)

Hosts Supported

- Linux
- Windows

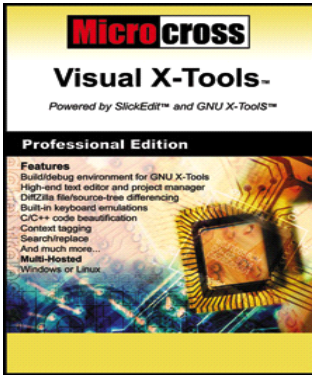
Free 15-Day Trials

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Open-Source, Ready-to-Run™

Visual X-Tools™



Integrated Development Environment (IDE)

- Powered by SlickEdit® v11, the award-winning editor
- Seamless operation with GNU X-Tools™ on Windows / Linux
- Project wizards for automated makefiles
- DiffZilla® file and source tree differencing tool
- Integrates the Visual GDB source level debugger

With Microcross Visual X-Tools™ IDE professional embedded development tools, you get everything you need to efficiently code, build, and debug software for embedded systems. Visual X-Tools™ provides a fully integrated single windows style interface and build solution that is powered by the best-in-class, triple award-winning SlickEdit® and GNU X-Tools™.

Visual X-Tools™ features a project manager and code editor with syntax coloring, symbol lookup, code navigation, context tagging, search and replace, C/ C++ source beautification, file/source-tree differencing (DIFFzilla™), seven keyboard emulations, version control interface, and a source build environment to compile, link, and execute programs in a simulator or on the target processor through the Visual GDB debugger and a BDM/JTAG connection agent.

Visual X-Tools™ can build proprietary and open source RTOS/OS kernels, drivers, libraries, and user applications. No matter what the challenge, with Visual X-Tools™ you can build anything needed for your target embedded system. Throughout every phase of development, Microcross is committed to being your total resource for embedded tools and solutions.

Microcross Visual X-Tools™ is the affordable, price leader for embedded development tools – open-source, ready-to-run.

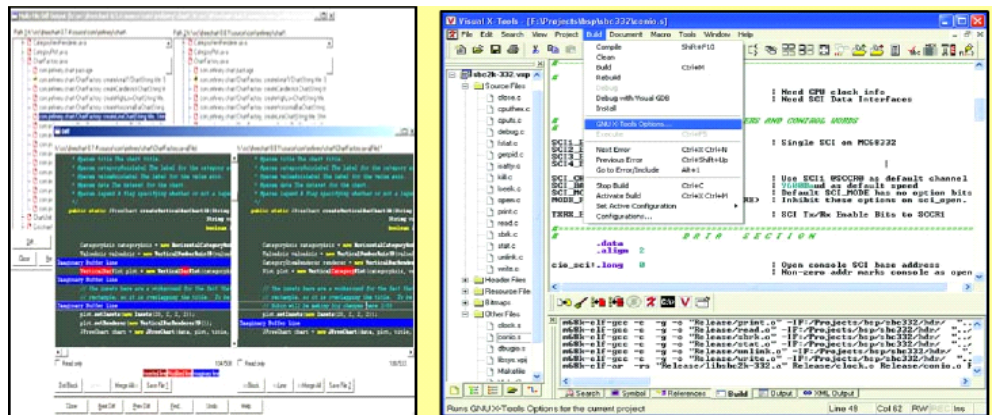
Features

- Super Editor
- Symbol Lookup
- Code Navigation
- Argument Completion
- C/C++ Code Beautification
- File / Source-Tree Differencing
- Powerful Search & Replace Utility
- Version Control Interface
- Keystroke emulations
- Special Editor Views
- Much, much more...

Benefits

The benefits are improved user productivity by at least 30 percent over command line, non-visual build systems. Through the use of target specific project wizards, integrated debugger, and commercial support from Microcross, a development team is assured success with minimal interruption in workflow. Furthermore, the migration of legacy code to other processors can be done with minimal code changes -- thus, maximizing your investment into a product that you learn once and can apply to almost any embedded development project.

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